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Div. of S.N. 09/454,578

Applicant: Yoshida et al.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Filing Date: Dec. 7, 1999

Group: 2871

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
AS	4,902,103	Feb. 20, 1990	Miyake et al.	350	336	Aug. 10, 1988
	5,434,690	Jul. 18, 1995	Hisatake et al.	359	87	Jul. 26, 1994
	5,745,207	Apr. 28, 1998	Asada et al.	349	141	Nov. 27, 1996
	5,870,160	Feb. 9, 1999	Yanagawa et al.	349	141	Oct. 3, 1996
	5,926,244	Jul. 20, 1999	Takeda et al.	349	139	Jul. 17, 1997
	6,064,451	May 16, 2000	Oh et al.	349	40	Sep. 22, 1997
	6,111,627	Aug. 29, 2000	Kim et al.	349	141	Nov. 24, 1998
AS	6,128,061	Oct. 3, 2000	Lee et al.	349	141	Dec. 8, 1998

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AS	9-160042	Jun. 20, 1997	Japan			Abs.	
	9-258201	Oct. 3, 1997	Japan			Abs.	
	7-333617	Dec. 22, 1995	Japan			Abs.	
	7-120792	May 12, 1995	Japan			Abs.	
	10-186366	Jul. 14, 1998	Japan			Abs.	
AS	10-186351	Jul. 14, 1998	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner *Andrew Schmitter*

Date Considered 7/9/04

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U.S. PATENT DOCUMENTS							
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
AS	6,154,266	Nov. 28, 2000	Okamoto et al.	349	129	Mar. 18, 1998	
	6,181,402	Jan. 30, 2001	Shim et al.	349	130	Jul. 11, 1997	
	6,191,837	Feb. 20, 2001	Fujimaki et al.	349	141	Sep. 19, 1997	
	6,222,602	Apr. 24, 2001	Aratani et al.	349	141	Sep. 30, 1996	
	6,281,958	Aug. 28, 2001	Nakajima	349	141	Dec. 22, 1998	
	6,208,653	Feb. 22, 2000	Nishida	349	141	Jun. 19, 1997	
AS	6,297,866	Oct. 2, 2001	Seo et al.	349	141	Sep. 8, 1998	
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
AS	10-186351	Jul. 14, 1998	Japan			Abs.	
AS	10-153782	Jun. 9, 1998	Japan			Abs.	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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